

## ABSTRACT OF THE DISCLOSURE

The  $17\beta$ -(substituted)-3-oxo- $\Delta^{1,2}$ -4-azasteroids (I), wherein  $R^1$  is  $C_1$ - $C_4$  alkyl,  $OR^2$ , wherein  $R^2$  is a  $C_1$ - $C_4$  alkyl radical, or  $NR^3R^4$ , wherein  $R^3$  and  $R^4$ , equal or different, represent hydrogen or a  $C_1$ - $C_4$  alkyl radical, can be obtained by means of a process comprising cleaving the  
5 oxazolidinedione ring present in a 2-(substituted)-3-hydroxyoxazolidinedione of formula (IV), wherein  $R^5$  is Br or trichloromethylsulfonyl, and removing the substituent at position 2, to form a double bond at position 1,2. Some compounds (I) are testosterone- $5\alpha$ -reductase inhibitors and can be used in the treatment of hyperandrogenic disorders.